

Title (en)

Luminometer or fluorometer with an injection device

Title (de)

Luminometer oder Fluorometer mit einer Injektionseinrichtung

Title (fr)

Luminomètre ou fluorimètre doté d'un dispositif d'injection

Publication

EP 2413131 A3 20120704 (DE)

Application

EP 11005795 A 20110715

Priority

DE 202010010821 U 20100729

Abstract (en)

[origin: EP2413131A2] The luminometer or fluorometer has an optical axis (O) staying perpendicular on a measuring sample (M). A photomultiplier (10) lies in the axis either directly or via an optical deflection unit e.g. mirror. An injection device includes an injection channel with a section (24b), which is bent relative to another section (24a) of the channel in a direction of the sample. The former section includes an outlet port pointing in the direction. The latter section extends perpendicular to the axis. A lower edge of a lining (16) pointing away from the photomultiplier defines a plane.

IPC 8 full level

G01N 21/64 (2006.01); **G01N 21/76** (2006.01)

CPC (source: EP US)

G01N 21/6452 (2013.01 - EP US); **G01N 21/76** (2013.01 - EP US)

Citation (search report)

- [XYI] EP 1441216 A2 20040728 - TECAN TRADING AG [CH]
- [Y] EP 0760478 A2 19970305 - IATRON LAB [JP], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 202010010821 U1 20101104; EP 2413131 A2 20120201; EP 2413131 A3 20120704; US 2012027642 A1 20120202

DOCDB simple family (application)

DE 202010010821 U 20100729; EP 11005795 A 20110715; US 201113194673 A 20110729